

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L21	16	(sequent\$5 sequence) near6 (datagram) and L17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:36
L20	14	(sequent\$5 sequence) near6 (datagram) and L13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:36
L19	209	(sequent\$5 sequence) near6 (datagram) and L9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:34
L7	6	(sequent\$5 sequence) near6 (datagram) and L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:34
L14	33	L8 and (multicast\$5 broadcast\$5) same (P2p PTP point-to-point)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:33
L16	2	L12 and (multicast\$5 broadcast\$5) same (P2p PTP point-to-point)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:32
L15	7	L11 and (multicast\$5 broadcast\$5) same (P2p PTP point-to-point)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:32

EAST Search History

L18	1564	L10 and (broadcast\$5) same (P2p PTP point-to-point)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:31
L17	2074	L10 and (multicast\$5 broadcast\$5) same (P2p PTP point-to-point)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:31
L13	1033	L9 and (multicast\$5 broadcast\$5) same (P2p PTP point-to-point)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:29
L2	2403	(comput\$5 determin\$5 manag\$5 monitor\$5 select\$5) same (multicast\$5 broadcast\$5) same (P2p PTP point-to-point)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:29
L12	2210	714/818,819,820,821,822,823,824. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:18
L11	202	398/66.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:17
L10	119031	"370"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:17

EAST Search History

L9	60270	"709"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:17
L8	759	725/87,101.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 10:17
L6	399	(sequent\$5 sequence) near6 (byte packet frame) and L5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 09:47
L4	505	(sequent\$5 sequence) near6 (byte packet frame) and L2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 08:26
L5	1943	(comput\$5 determin\$5 manag\$5 monitor\$5 select\$5) same (broadcast\$5) same (P2p PTP point-to-point)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 08:25
S13 1	0	select\$5 same broadcast\$5 same point-to-point and bytes same channel same strength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 08:10
L1	2	"7206833".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 08:08

EAST Search History

S14 6	355	channel near5 switch near3 counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/28 08:07
S14 5	1	channel near5 switch near6 updat\$5 near5 counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:09
S14 4	603	channel near5 switch near6 counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:08
S14 3	2545	channel near5 switch same counter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:08
S14 2	228	channel same switch same counter same initializ\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:08
S14 1	255	channel same switch\$6 same counter same initializ\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:07
S14 0	0	channel same switch\$6 same counter same initializ45	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:06
S13 8	2	"7050420".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 16:06

EAST Search History

S13 9	2	"5793973".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 15:46
S13 7	331	wireless same transmission same broadcast same (pTP point-to-point)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 20:10
S13 6	34	S135 and broadcast same (pTP point-to-point)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 20:09
S13 5	251	mode near5 transmission same (comput\$5 calculat\$5) same (packets bytes segments blocks) same received	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 19:55
S13 4	39	mode near5 transmission same (packet bytes) same broadcast same (pTP point-to-point)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 19:55
S13 3	15	broadcast\$5 same point-to-point same channel same strength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 14:10
S13 2	0	broadcast\$5 same point-to-point and bytes same channel same strength	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 14:10

EAST Search History

S12 6	3	select\$5 same broadcast\$5 same point-to-point same representative	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 14:07
S13 0	0	09/653073	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/10 13:39
S12 9	0	09/653073	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 13:39
S12 8	5	("5325432" "5471646" "5473642" "5519704" "5566181").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/10 13:38
S12 7	2	"6466552".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 13:31
S12 3	2	determin\$5 same broadcast\$5 same point-to-point same representative	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/10 13:30
S12 5	2	"6031818".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 16:05
S12 4	52	broadcast\$5 same point-to-point same representative	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 16:05

EAST Search History

S12 2	58	determin\$5 near5 method same broadcast\$5 same point-to-point	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 15:51
S12 1	18	determin\$5 near5 method near6 transfer and broadcast\$5 same point-to-point	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/04 15:31
S12 0	0	09/653073	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/02 13:11
S11 9	2	"5793973".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/02 13:10
S11 8	2	"5793973".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/02 13:04
S11 7	16	("3914692" "5173688" "5473642" "5491835" "5566181" "5636230" "5771459" "5812531" "5819178" "5850611" "6026296" "6212393" "6351467" "6360076" "6477384" "6529740").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 15:21
S11 6	76	(determin\$5 choose select manag\$5 monitor\$7 detect\$5) same (broadcast\$5) same (point-to-point) and ((determin\$5 comput\$5 calculat\$5 estimat\$5) near5 (transmit transmission transmting deliver\$8) near5(durat\$5 period time))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 15:07

EAST Search History

S11 3	94	(determin\$5 choose select manag\$5 monitor\$7 detect\$5) same (broadcast\$5) same (point-to-point) and (estimat\$7 near5 (time period bandwidth resource))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 15:03
S16	1639	((determin\$5 comput\$5 calculat\$5 estimat\$5) near5 (rebroadcast\$5 broadcast\$5) near5(durat\$5 period time))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 15:02
S11 5	10	("4507781" "4845658" "4888727" "4958278" "5459725" "5467341" "5519704" "5572678" "5706435" "5793973").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/01/22 14:52
S11 4	35	(delivery with (method protocol mode)) same (broadcast\$5) same (point-to-point) and (estimat\$7 near5 (time period bandwidth resource))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 13:17
S11 0	4	(determin\$5 choose select manag\$5 monitor\$7 detect\$5) same (broadcast\$5) same (point-to-point) same (estimat\$7 near5 (time period bandwidth resource))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 13:12
S11 2	364	(broadcast\$5) same (point-to-point) and (estimat\$7 near5 (time period bandwidth resource))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 13:11
S11 1	4	(broadcast\$5) same (point-to-point) same (estimat\$7 near5 (time period bandwidth resource))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 13:11
S10 9	51	optim\$5 same (broadcast\$5) same (point-to-point) same (time bandwidth)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 13:03

EAST Search History

S10 8	2	"5793973".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/01/22 12:31
S10 7	5	"6396814".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 08:08
S87	2	"5793973".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/10 07:11
S10 6	2	"5325432".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 13:16
S10 5	5	("5325432" "5471646" "5473642" "5519704" "5566181").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 11:51
S10 4	189	(select\$5 determin\$5 choose) near8 (broadcast\$5 one\$1to\$1many) near10 (point\$1to\$1point one\$1to\$1one)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 11:39
S10 3	148	(select\$5 determin\$5 choose) near8 (broadcast\$5) near10 (point\$1to\$1point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 11:39
S10 2	54	(select\$5 determin\$5 choose) near8 (broadcast\$5) near10 (point\$1to\$1point)and (poll\$5 query\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 11:38
S10 1	0	(select\$5 determin\$5 choose) near8 (broadcast\$5) near10 (point\$1to\$1point) same (poll\$5 query\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 10:21

EAST Search History

S99	4	(broadcast\$5) near10 (point\$1to\$1point) same (poll\$5 query\$5) near5 (recipient client receiver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 10:20
S100	8	("5515508" "5557798" "6031818" "6167457" "6181704" "6335933" "6523114" "6701351").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 10:18
S98	0	(select\$5) near8 (broadcast\$5) near10 (point\$1to\$1point) same (poll\$5 query\$5) near5 (recipient client receiver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 10:14
S91	23	(select\$5) near8 (broadcast\$5) near10 (point\$1to\$1point) near5 (transmits\$6 transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 10:13
S97	0	09/289,035	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 09:42
S96	0	09/289035	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/08 09:42
S95	0	09/289035	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 09:37
S94	10	("4507781" "4845658" "4888727" "4958278" "5459725" "5467341" "5519704" "5572678" "5706435" "5793973").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 09:37
S93	5	("5325432" "5471646" "5473642" "5519704" "5566181").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/08 09:22
S86	8	(re-transmi\$7) same (connection-oriented) same (connectionless)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 09:14

EAST Search History

S81	17	(hybrid) same (connection-oriented) same (connectionless)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 09:14
S85	10	("4507781" "4845658" "4888727" "4958278" "5459725" "5467341" "5519704" "5572678" "5706435" "5793973").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 09:07
S84	32	(re-transmi\$7) same (broadcast\$5) same (Point-to-point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 08:58
S82	99	(segment) same (broadcast\$5) same (Point-to-point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 08:58
S83	11	("5511168" "5646676" "5799150" "5845280" "5884325" "5905871" "6128653" "6151696" "6256673" "6405236" "6418141").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/19 08:40
S80	50	(hybrid) same (broadcast\$5) same (Point-to-point)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 08:07
S79	50	(hybrid) same (broadcast\$5) same (Point-to-point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 07:53
S78	0	(fly) same (determin\$5 choos\$5 calculat\$5) same (broadcast\$5) same (Point-to-point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 07:53
S77	0	(fly) same (select\$5 determin\$5 choos\$5 calculat\$5) same (broadcast\$5) same (Point-to-point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 07:51

EAST Search History

S76	53	(adpativ\$5 dynamic\$5) same (select\$5 determin\$5 choos\$5 calculat\$5) same (broadcast\$5) same (Point-to-point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 07:51
S75	0	(adpativ\$5 dynamic\$5) same (opportunist\$5) same (broadcast\$5) same (Point-to-point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 06:38
S72	2	(opportunist\$5) same (broadcast\$5) same (Point-to-point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/19 06:38
S74	2	"5819269".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 17:28
S52	2	"6757736".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 17:27
S73	10	("4507781" "4845658" "4888727" "4958278" "5459725" "5467341" "5519704" "5572678" "5706435" "5793973").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/01/18 15:17
S68	40	(select\$5 determin\$5) near4 (distribut\$5) same (broadcast\$5) same (Point-to-point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 15:16
S71	7	S70 and (select\$5 determin\$5) near4 (distribut\$5) same (broadcast\$5) same (Point-to-point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 15:10
S69	0	S67 and (select\$5 determin\$5) near4 (distribut\$5) same (broadcast\$5) same (Point-to-point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 15:10
S70	88005	"370"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 15:09

EAST Search History

S67	20684	"398"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 15:09
S66	43	(distribut\$5) same (broadcast\$5) same (Point-to-point) same (time and bandwidth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 15:08
S65	350	(distribut\$5) same (broadcast\$5) same (Point-to-point) and (time and bandwidth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 14:15
S64	521	(distribut\$5) same (broadcast\$5) same (Point-to-point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 14:14
S63	2	"5793973".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 14:14
S8	2	"5631907".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/18 13:17
S62	3	(monitor\$5 manag\$5) near4 (frame packet) near4 (rate speed frequency) near5 (type) near4 (data file information)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 11:27
S57	29	(compar\$5 estimat\$5) same (broadcast) same (duration period time interval) same(recipient number) same (point near3 point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 11:25
S61	0	709/241,242,244,245,249,239,232. ccls. and (select\$5 determin\$5) near4 (braodcast and (point near3 point)) near4 (data file information) near4 (transfer\$5 download\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 10:04
S60	64	709/241,242,244,245,249,239,232. ccls. and (select\$5 determin\$5) near4 (mode method protocol) near4 (data file information) near4 (transfer\$5 download\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 10:04

EAST Search History

S59	0	398/66.ccls. and (select\$5 determin\$5) near4 (mode method protocol) near4 (data file information) near4 (transfer\$5 download\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 09:58
S58	5	"6396814".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/03 09:56
S56	45577	(compar\$5 estimat\$5) same (broadcast) same (duration period time interväl) smae (recipient number) same (point near3 point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 16:28
S55	63	(hybrid\$5) same (broadcast) same (point near3 point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 16:26
S54	136	(hybrid\$5 mix\$5) same (broadcast) same (point near3 point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 16:22
S38	5252	(designat\$5 appoint\$5 select\$5 establish\$5)adj (representative leader broker initiator commander)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 16:19
S53	11	("5511168" "5646676" "5799150" "5845280" "5884325" "5905871" "6128653" "6151696" "6256673" "6405236" "6418141").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/02 16:09
S10	0	((determin\$5 comput\$5 calculat\$5) near5 (cyclic durat\$5 period time) near5 (retransmi\$7 rebroadcast\$5 broadcast\$5 transmi\$7)) and (Ponit adj to adj point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/06/02 16:09
S51	5	"6396814".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 16:10
S50	2	"6757736".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 16:10

EAST Search History

S49	13	(Broadcast\$5) and (SEA (spokesman adj selection adj algorithm)) and (designat\$5 appoint\$5 select\$5 establish\$5)adj (representative leader broker initiator commander)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 15:13
S48	158	(SEA (spokesman adj selection adj algorithm)) and (designat\$5 appoint\$5 select\$5 establish\$5)adj (representative leader broker initiator commander)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 14:08
S47	3	(SEA (spokesman adj selection adj algorithm)) same (designat\$5 appoint\$5 select\$5 establish\$5)adj (representative leader broker initiator commander)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 14:02
S46	14	(SEA (spokesman adj selection adj algorithm)) same((HOME adj RF) HOMERF "802.11" bluetooth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 13:53
S45	232	(SEA (spokesman adj selection adj algorithm)) and ((HOME adj RF) HOMERF "802.11" bluetooth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 13:53
S35	40	((broadcast\$5) and (designat\$5 appoint\$5 select\$5 establish\$5) near5 (representative leader broker initiator commander)) and (SEA (spokesman adj selection adj algorithm)) and ((HOME adj RF) HOMERF "802.11" bluetooth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 13:53
S44	10	709/240,241,242.ccls. and ((broadcast\$5) and (designat\$5 appoint\$5 select\$5 establish\$5) near5 (representative leader broker initiator commander))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 13:48
S33	2701	(broadcast\$5) and (designat\$5 appoint\$5 select\$5 establish\$5) near5 (representative leader broker initiator commander)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 13:46
S43	8	09/679115	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 13:37

EAST Search History

S42	3	(lightening adj data adj transport) and (LDT)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 13:36
S41	4	lightening adj data adj transport	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 13:33
S30	164	(select\$5 adaptiv\$5) near10 (broadcast\$5) near10 (protocol\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 13:25
S40	24	(designat\$5 appoint\$5 select\$5 establish\$5) near5 (representative leader broker initiator commander) same((HOME adj RF) HOMERF "802.11" bluetooth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 13:11
S39	335	(designat\$5 appoint\$5 select\$5 establish\$5) near5 (representative leader broker initiator commander) and ((HOME adj RF) HOMERF "802.11" bluetooth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 13:10
S37	25	(broadcast\$5) same (designat\$5 appoint\$5 select\$5 establish\$5) near5 (representative leader broker initiator commander) and ((HOME adj RF) HOMERF "802.11" bluetooth)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 13:10
S34	30	(broadcast\$5) same (designat\$5 appoint\$5 select\$5 establish\$5)adj (representative leader broker initiator commander)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 13:09
S36	360	(broadcast\$5) same (designat\$5 appoint\$5 select\$5 establish\$5) near5 (representative leader broker initiator commander)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 12:56
S32	3	"6452480".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 09:37
S31	2	"6721285".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 09:37

EAST Search History

S29	0	(compar\$5) near10 ((broadcast\$5) near10 (peer adj to adj peer))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/23 08:48
S28	0	(compar\$5) near10 ((broadcast\$5) near10 (point adj to adj point))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 17:00
S27	0	(compar\$5) near10 ((broadcast\$5) and (point adj to adj point))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:59
S26	0	(broadcast\$5) same (point adj to adj point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:59
S1	0	(Rebroadcast) and (point adj to adj point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:59
S25	7	((determin\$5 comput\$5 calculat\$5 estimat\$5) near5 (re-broadcast\$5) near5(durat\$5 period time))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:56
S19	16	((determin\$5 comput\$5 calculat\$5 estimat\$5) near5 (rebroadcast\$5) near5(durat\$5 period time))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:56
S24	14	((determin\$5 comput\$5 calculat\$5 estimat\$5) near5 (durat\$5 period time) near5 (transfer\$5) near5 (data frame packet)) and (repeat\$5) near5 (broadcast\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:51
S23	4898	(determin\$5 comput\$5 calculat\$5 estimat\$5) near5 (period time) near5 (transfer\$5 send\$5) near5 (data frame packet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:50
S22	4951	(determin\$5 comput\$5 calculat\$5 estimat\$5) near5 (durat\$5 period time) near5 (transfer\$5 send\$5) near5 (data frame packet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:50

EAST Search History

S21	3481	(determin\$5 comput\$5 calculat\$5 estimat\$5) near5 (durat\$5 period time) near5 (transfer\$5) near5 (data frame packet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:50
S20	3331	(determin\$5 comput\$5 calculat\$5) near5 (durat\$5 period time) near5 (transfer\$5) near5 (data frame packet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:49
S18	38	((determin\$5 comput\$5 calculat\$5 estimat\$5)adj (rebroadcast\$5 broadcast\$5) adj (durat\$5 period time))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:13
S17	208	((determin\$5 comput\$5 calculat\$5 estimat\$5)adj (rebroadcast\$5 broadcast\$5) near5(durat\$5 period time))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:13
S13	30410	((determin\$5 comput\$5 calculat\$5 estimat\$5) near5 (retransmi\$7 rebroadcast\$5 broadcast\$5 transmi\$7) near5(durat\$5 period time))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:12
S15	26	((determin\$5 comput\$5 calculat\$5 estimat\$5) adj (retransmi\$7 rebroadcast\$5) adj(durat\$5 period time))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:04
S14	1127	((determin\$5 comput\$5 calculat\$5 estimat\$5) adj (retransmi\$7 rebroadcast\$5 broadcast\$5 transmi\$7) adj(durat\$5 period time))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:04
S12	30	((determin\$5 comput\$5 calculat\$5 estimat\$5) near5 (durat\$5 period time) near5 (cyclic) near5 (retransmi\$7 rebroadcast\$5 broadcast\$5 transmi\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 16:02
S11	29638	((determin\$5 comput\$5 calculat\$5) near5 (cyclic durat\$5 period time) near5 (retransmi\$7 rebroadcast\$5 broadcast\$5 transmi\$7))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 15:55

EAST Search History

S7	86	(broadcast\$5)same ((poll\$5 inquir\$5 detect\$5 determin\$5) near10 (recipient receiver client) near10 (error unreceiv\$5 miss\$5 undeliver\$5 unreach\$5) near10 (packet frame data))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 15:51
S9	705	(broadcast\$5) and ((poll\$5 inquir\$5) near10 (recipient receiver))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 15:49
S5	21925	(broadcast\$5) and ((poll\$5 inquir\$5 detect\$5 determin\$5) near10 (recipient receiver client))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 15:48
S6	6267	(broadcast\$5)same ((poll\$5 inquir\$5 detect\$5 determin\$5) near10 (recipient receiver client))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 14:35
S3	0	(broadcast) and (point adj to adj point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 14:33
S4	1	point adj to adj point	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 14:32
S2	0	(Re-broadcast) and (point adj to adj point)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2004/09/22 14:32

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1 [The next generation of internetworking](#)◆ [Gurudatta M. Parulkar](#)December 1989 **ACM SIGCOMM Computer Communication Review**, Volume 20 Issue 1**Publisher:** ACM PressFull text available: [pdf\(1.86 MB\)](#) Additional Information: full citation, abstract, citations, index terms

This paper describes a research effort concerned with the design of the next generation of internet architecture, which has been necessitated by two emerging trends. First, there will be at least a few orders of magnitude increase in data rates of communication networks in the next few years. For example, researchers are already prototyping networks with data rates of up to a few hundred Mbps, and are planning networks with data rates up to a few Gbps. Second, researchers from all disciplines of ...

2 [Acknowledgment procedures at radio link control level in GPRS](#)◆ [Wessam Ajib, Philippe Godlewski](#)August 1999 **Proceedings of the 2nd ACM international workshop on Modeling, analysis and simulation of wireless and mobile systems MSWiM '99****Publisher:** ACM PressFull text available: [pdf\(1.02 MB\)](#) Additional Information: full citation, references, citations, index terms**3** [A high performance broadcast file transfer protocol](#)◆ [J. S. J. Daka, A. J. Waters](#)August 1988 **ACM SIGCOMM Computer Communication Review , Symposium proceedings on Communications architectures and protocols SIGCOMM '88**, Volume 18 Issue 4**Publisher:** ACM PressFull text available: [pdf\(810.43 KB\)](#) Additional Information: full citation, abstract, references, index terms

This paper describes a broadcast bulk file transfer protocol and presents its performance characteristics. The protocol is for bulk file distribution over a single satellite channel. The transmitting site and multiple receiver sites share channel access time to send data and acknowledgements. The protocol performance characteristics are investigated using a simulation model that includes modelling of the uplink and downlink error processes at both the transmitter and receivers. T ...

4 Reverse path forwarding of broadcast packets

◆ Yogen K. Dalal, Robert M. Metcalfe
December 1978 **Communications of the ACM**, Volume 21 Issue 12

Publisher: ACM Press

Full text available:  pdf(986.36 KB) Additional Information: full citation, abstract, references, citations, index terms

A broadcast packet is for delivery to all nodes of a network. Algorithms for accomplishing this delivery through a store-and-forward packet switching computer network include (1) transmission of separately addressed packets, (2) multideestination addressing, (3) hot potato forwarding, (4) spanning tree forwarding, and (5) source based forwarding. To this list of algorithms we add (6) reverse path forwarding, a broadcast routing method which exploits routing procedures and data structures alr ...

Keywords: broadcast packets, broadcast protocols, computer networks, reverse path forwarding, routing, store-and-forward packet switching

5 An efficient reliable broadcast protocol

◆ M. Frans Kaashoek, A. S. Tanenbaum, S. F. Hummel
October 1989 **ACM SIGOPS Operating Systems Review**, Volume 23 Issue 4

Publisher: ACM Press

Full text available:  pdf(1.03 MB) Additional Information: full citation, abstract, citations, index terms

Many distributed and parallel applications can make good use of broadcast communication. In this paper we present a (software) protocol that simulates reliable broadcast, even on an unreliable network. Using this protocol, application programs need not worry about lost messages. Recovery of communication failures is handled automatically and transparently by the protocol. In normal operation, our protocol is more efficient than previously published reliable broadcast protocols. An initial implem ...

6 Network Protocols

◆ Andrew S. Tanenbaum
December 1981 **ACM Computing Surveys (CSUR)**, Volume 13 Issue 4

Publisher: ACM Press

Full text available:  pdf(3.37 MB) Additional Information: full citation, references, citations, index terms

7 Reliable broadcast protocols

◆ Jo-Mei Chang, N. F. Maxemchuk
August 1984 **ACM Transactions on Computer Systems (TOCS)**, Volume 2 Issue 3

Publisher: ACM Press

Full text available:  pdf(1.37 MB) Additional Information: full citation, references, citations, index terms

Keywords: 0, broadcasting, failure recovery, message sequencing, multicasting

8 Efficient message passing interface (MPI) for parallel computing on clusters of

◆ workstations

Jehoshua Bruck, Danny Dolev, Ching-Tien Ho, Marcel-Cătălin Roșu, Ray Strong
July 1995 **Proceedings of the seventh annual ACM symposium on Parallel algorithms and architectures SPAA '95**

Publisher: ACM Press

Full text available:  pdf(1.04 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

9 Incorporation of multiaccess links into a routing protocol 

 Radia Perlman

October 1983 **ACM SIGCOMM Computer Communication Review , Proceedings of the eighth symposium on Data communications SIGCOMM '83**, Volume 13 Issue 4

Publisher: ACM Press

Full text available:  pdf(860.75 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Conventional routing protocols and algorithms work most efficiently on sparsely connected networks. Network topologies today include multiaccess links which include hundreds of nodes, all of which are capable of direct communication with each other. Some of these multiaccess links have broadcasting ability. This paper presents protocols and algorithms for efficiently dealing with the characteristics of various types of multiaccess links, when they are included as links in a general topology ...

10 A survey of fast packet switches 

 Andrew R. Jacob

December 1989 **ACM SIGCOMM Computer Communication Review**, Volume 20 Issue 1

Publisher: ACM Press

Full text available:  pdf(830.07 KB) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

With the advent of optical fiber and its large bandwidth, many services, such as packetized data, voice, and video, are now becoming available on physical transmission lines. The high data rates, however, have created a demand for high speed switching. Included among the different strategies which have been proposed are fully- and non-fully-connected switches, intelligent and non-intelligent switching nodes, broadcast capability, input and output queueing, input concentration and output reentry, ...

11 A reliable and efficient multicast for broadband broadcast networks 

 A. Erramilli, R. P. Singh

August 1987 **ACM SIGCOMM Computer Communication Review , Proceedings of the ACM workshop on Frontiers in computer communications technology SIGCOMM '87**, Volume 17 Issue 5

Publisher: ACM Press

Full text available:  pdf(690.88 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

A reliable and efficient data transfer protocol is proposed for multicast applications in broadband broadcast networks. The protocol is based on negative acknowledgements, with several enhancements so that it matches most of the functionality of a positive acknowledgement based protocol. The protocol makes the best use of resources in the broadband network environment by conserving processing and trading off transmission and storage resources. The performance of this protocol is compared wi ...

12 Simplifying distributed database systems design by using a broadcast network 

 Jo-Mei Chang

June 1984 **ACM SIGMOD Record , Proceedings of the 1984 ACM SIGMOD international conference on Management of data SIGMOD '84**, Volume 14 Issue 2

Publisher: ACM Press

Full text available:  pdf(1.36 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Atomic broadcast and failure detection are powerful primitives for distributed database systems In the distributed database system LAMBDA, they are provided as network

primitives In this paper, we show how atomic broadcast and failure detection simplify transaction commitment, concurrency control, and crash recovery Specifically, we give a simple *two-phase non-blocking* commit protocol, whereas three phases are required in a point-to-point network We also give a simplified read-one/write-a ...

13 High-speed local area networks and their performance: a survey

 Bandula W. Abeysundara, Ahmed E. Kamal
June 1991 **ACM Computing Surveys (CSUR)**, Volume 23 Issue 2

Publisher: ACM Press

Full text available:  pdf(3.83 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

At high data transmission rates, the packet transmission time of a local area network (LAN) could become comparable to or less than the medium propagation delay. The performance of many LAN schemes degrades rapidly when the packet transmission time becomes small comparative to the medium propagation delay. This paper introduces LANs and discusses the performance degradation of LANs at high speeds. It surveys recently proposed LAN schemes designed to operate at high data rates, including the ...

Keywords: access schemes, computer networks, data communication, medium access protocols, optical fiber networks

14 The power of multimedia: combining point-to point and multi-access networks

 Yehuda Afek, Gad M. Landau, Baruch Schieber, Moti Yung
January 1988 **Proceedings of the seventh annual ACM Symposium on Principles of distributed computing PODC '88**

Publisher: ACM Press

Full text available:  pdf(1.51 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

15 A routing protocol for packet radio networks

 Shree Murthy, J. J. Garcia-Luna-Aceves
December 1995 **Proceedings of the 1st annual international conference on Mobile computing and networking MobiCom '95**

Publisher: ACM Press

Full text available:  pdf(962.31 KB)

Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

16 Multicast routing in datagram internetworks and extended LANs

 Stephen E. Deering, David R. Cheriton
May 1990 **ACM Transactions on Computer Systems (TOCS)**, Volume 8 Issue 2

Publisher: ACM Press

Full text available:  pdf(2.29 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Multicasting, the transmission of a packet to a group of hosts, is an important service for improving the efficiency and robustness of distributed systems and applications. Although multicast capability is available and widely used in local area networks, when those LANs are interconnected by store-and-forward routers, the multicast service is usually not offered across the resulting internetwork. To address this limitation, we specify extensions to two com ...

17

FLIP: an internetwork protocol for supporting distributed systems

 M. Frans Kaashoek, Robbert van Renesse, Hans van Staveren, Andrew S. Tanenbaum
February 1993 **ACM Transactions on Computer Systems (TOCS)**, Volume 11 Issue 1

Publisher: ACM Press

Full text available:  pdf(2.29 MB)

Additional Information: full citation, abstract, references, citings, index terms

Most modern network protocols give adequate support for traditional applications such as file transfer and remote login. Distributed applications, however, have different requirements (e.g., efficient at-most-once remote procedure call even in the face of processor failures). Instead of using ad hoc protocols to meet each of the new requirements, we have designed a new protocol, called the Fast Local Internet Protocol (FLIP), that provides a clean and simple integrated approach to these new ...

18 Multicast routing in internetworks and extended LANs

 Stephen E. Deering
January 1995 **ACM SIGCOMM Computer Communication Review**, Volume 25 Issue 1

Publisher: ACM Press

Full text available:  pdf(1.37 MB)

Additional Information: full citation, abstract, citings, index terms

Multicasting is used within local-area networks to make distributed applications more robust and more efficient. The growing need to distribute applications across multiple, interconnected networks, and the increasing availability of high-performance, high-capacity switching nodes and networks, lead us to consider providing LAN-style multicasting across an internetwork. In this paper, we propose extensions to two common internetwork routing algorithms---distance-vector routing and link-state rou ...

19 Open shortest path first (OSPF) routing protocol simulation

 Deepinder Sidhu, Tayang Fu, Shukri Abdallah, Raj Nair, Rob Colton
October 1993 **ACM SIGCOMM Computer Communication Review , Conference proceedings on Communications architectures, protocols and applications SIGCOMM '93**, Volume 23 Issue 4

Publisher: ACM Press

Full text available:  pdf(835.09 KB)

Additional Information: full citation, abstract, references, citings, index terms

Open Shortest Path First (OSPF) is a dynamic, hierarchical routing protocol designed to support routing in TCP/IP networks. A simulation of the OSPF Election Protocol shows three results: (1) The Designated Router (DR) can be elected in constant time. (2) If a router has a limited number of input buffers, a competition for buffers between the Election and the Flooding Protocols increases the election time and causes an oscillatory behavior. At each router, the Router-ID of the DR continuously cha ...

20 Interconnection of broadband local area networks

 C. Sunshine, D. Kaufman, G. Ennis, K. Biba
October 1983 **ACM SIGCOMM Computer Communication Review , Proceedings of the eighth symposium on Data communications SIGCOMM '83**, Volume 13 Issue 4

Publisher: ACM Press

Full text available:  pdf(779.76 KB)

Additional Information: full citation, abstract, references, citings, index terms

Interconnection of multiple broadband local area networks to form an integrated packet transport system presents several challenges. To take full advantage of broadband systems, assignment of nodes to channels must be dynamic, leading to the use of a flat address space. Combined with the desire to avoid reliance on a central server or complex routing in packet forwarders, this addressing scheme leads to adoption of a controlled flooding technique to "discover" the best path to a ...

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